

Title (en)

MAGNETIC MOUNT FOR ELECTRONIC DEVICES

Title (de)

MAGNETISCHE HALTERUNG FÜR ELEKTRONISCHE GERÄTE

Title (fr)

SUPPORT MAGNÉTIQUE POUR DISPOSITIFS ÉLECTRONIQUES

Publication

EP 3997376 A1 20220518 (EN)

Application

EP 20746443 A 20200601

Priority

- US 201916510813 A 20190712
- US 2020035495 W 20200601

Abstract (en)

[origin: US2021010635A1] An electronic device mount includes a rigid cover, a flexible cover, and a frame positioned between the rigid cover and the flexible cover. The frame has a plurality of openings. The electronic device mount further includes a plurality of rocker arms coupled within correspond openings of the frame, and to the flexible cover. The plurality of rocker arms are configured to pivot within the plurality of openings to deflect the flexible cover relative to the frame to define a curved outer surface of the flexible cover. The electronic device mount also includes a plurality of magnets coupled to one of the frame or the flexible cover. The deflection of the flexible cover is self-adjusting to allow for easy mounting of an electronic device to a curved metal surface.

IPC 8 full level

F16M 11/04 (2006.01); **F16M 13/02** (2006.01); **G06F 1/16** (2006.01)

CPC (source: CN EP US)

F16M 11/041 (2013.01 - CN EP); **F16M 13/005** (2013.01 - US); **F16M 13/022** (2013.01 - CN EP); **H01F 7/02** (2013.01 - US); **H05K 7/14** (2013.01 - US); **H01F 7/0215** (2013.01 - US)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

US 11162633 B2 20211102; **US 2021010635 A1 20210114**; CN 114144610 A 20220304; CN 114144610 B 20231212; EP 3997376 A1 20220518; EP 3997376 B1 20231004; WO 2021011099 A1 20210121

DOCDB simple family (application)

US 201916510813 A 20190712; CN 202080050201 A 20200601; EP 20746443 A 20200601; US 2020035495 W 20200601